

F 16 1

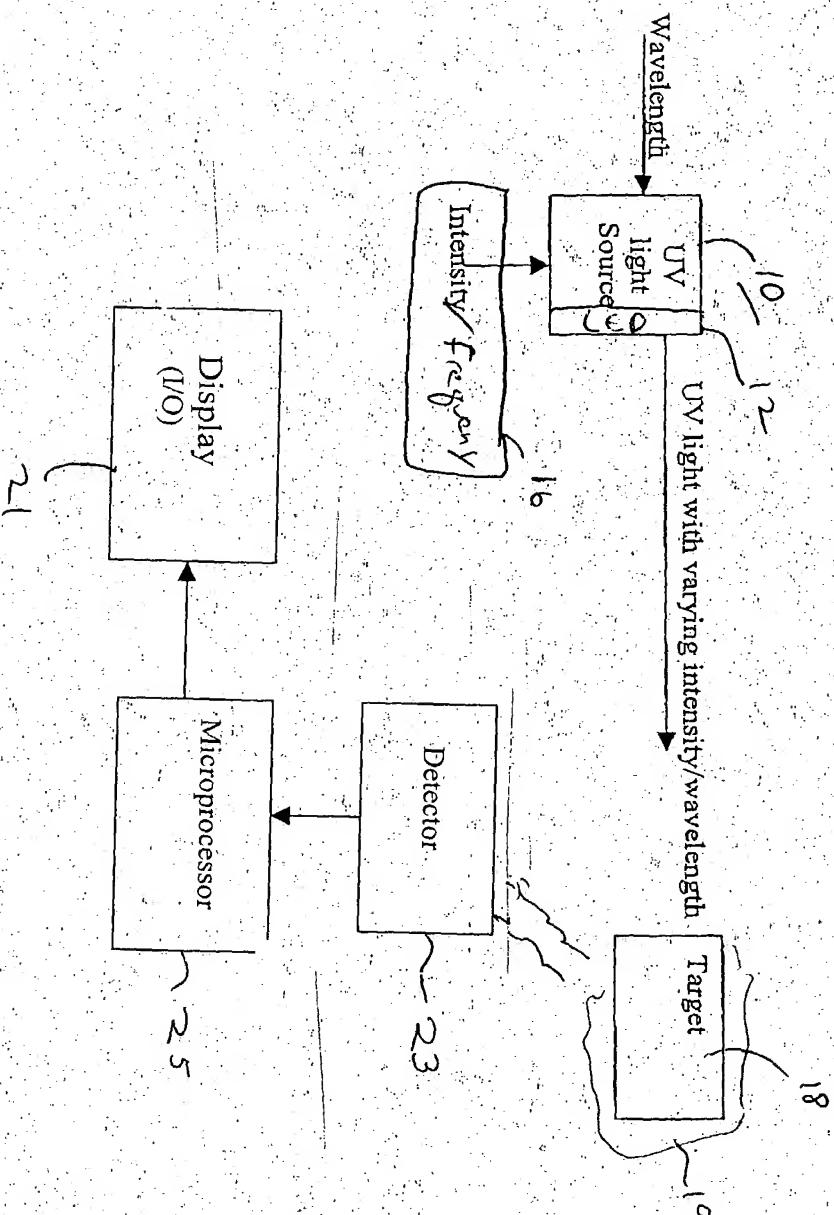
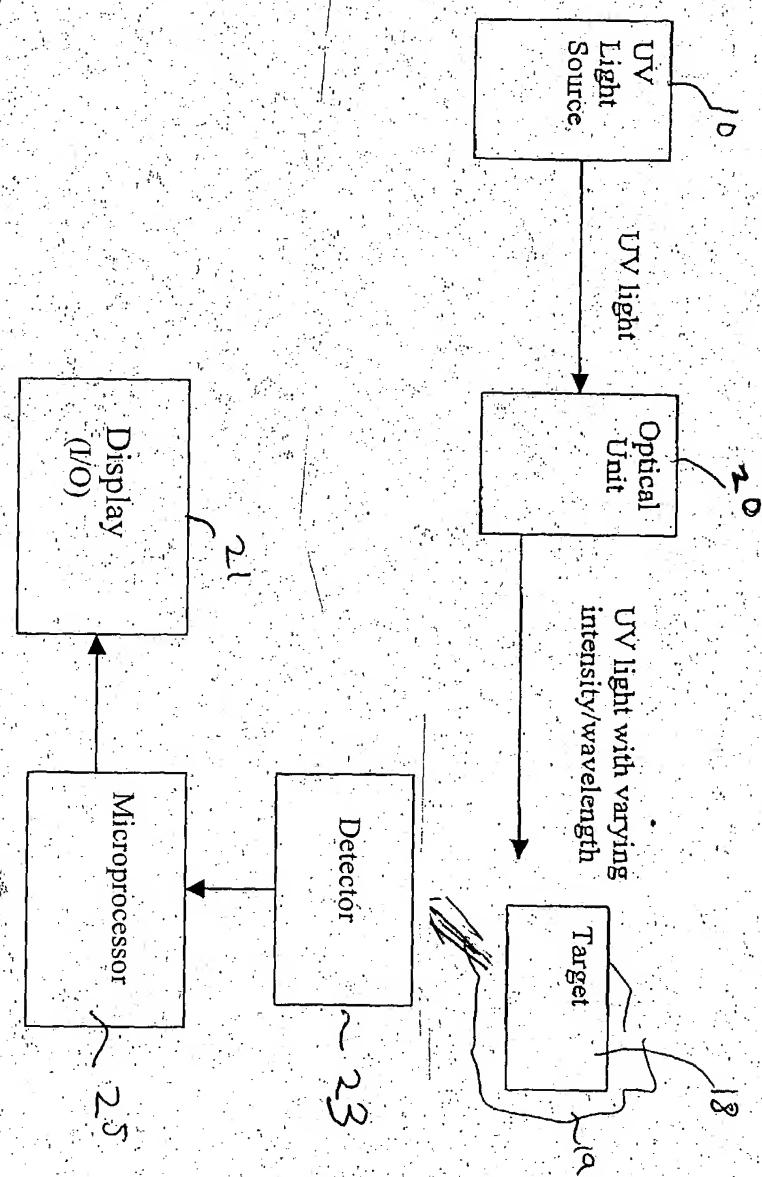
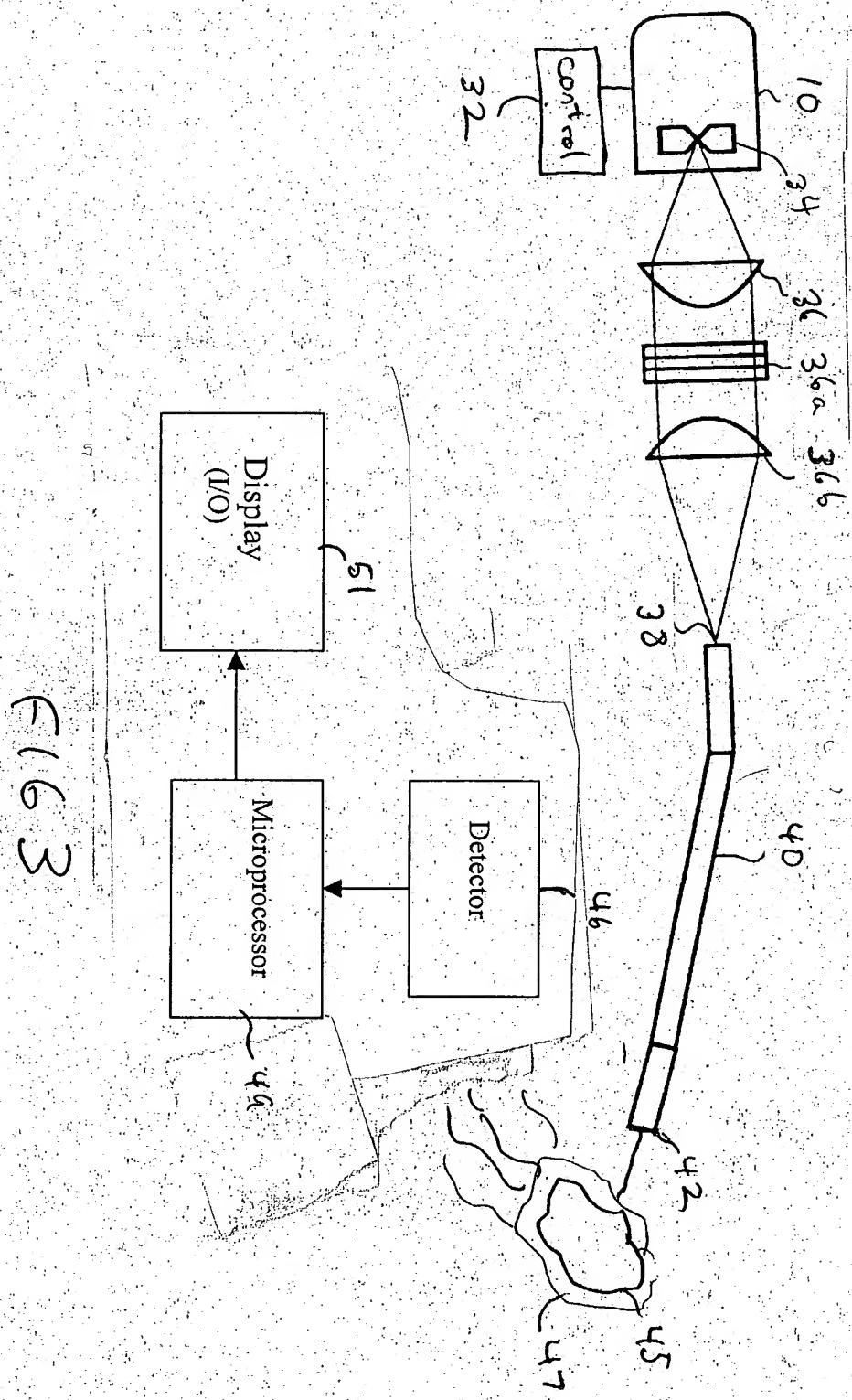


FIG 2





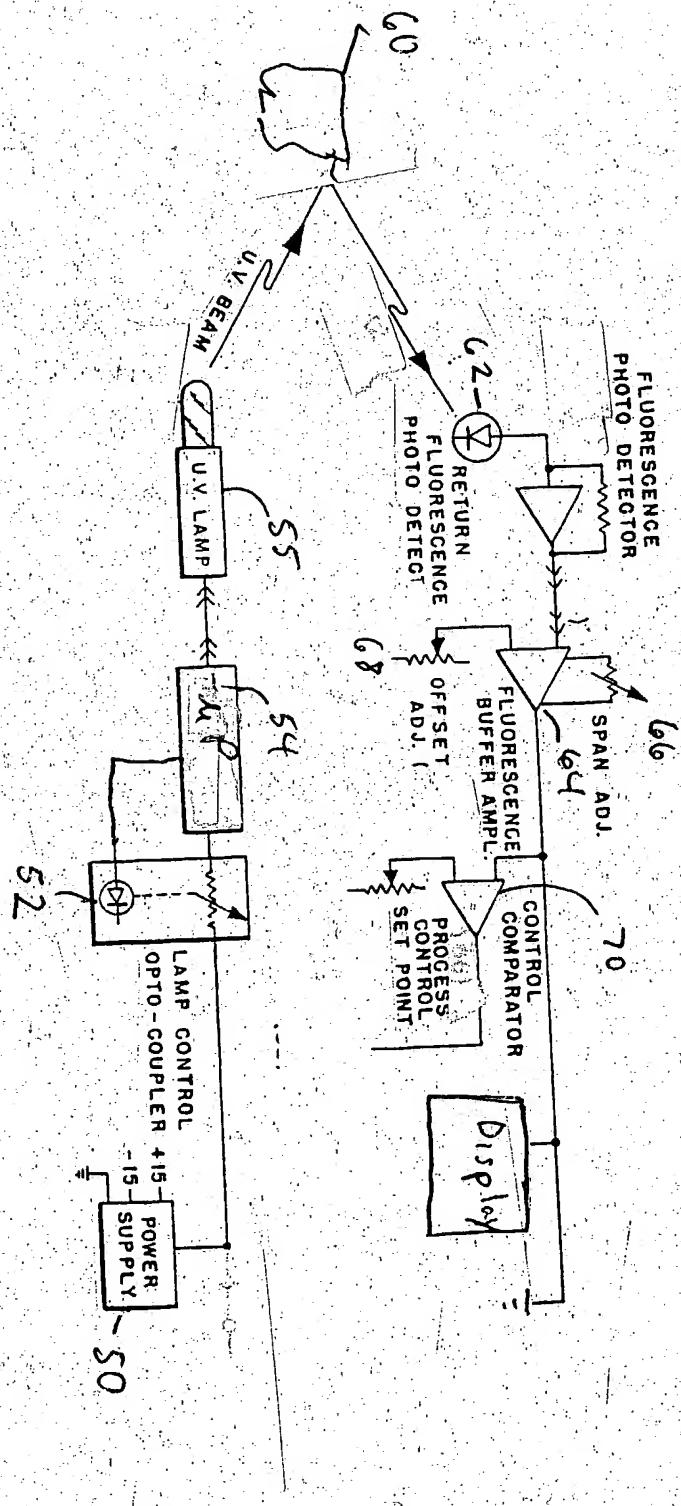


FIG 4

50

52

54

55

DISPLAY

CONTROL COMPARATOR

FLUORESCENCE BUFFER AMPL.  
OFFSET ADJ.

FLUORESCENCE  
PHOTO DETECT.

PROCESS  
CONTROL  
SET POINT

64

70

66

62

60

60

LAMP CONTROL  
OPTO-COUPLER +15V  
POWER SUPPLY